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PATENT

Attorney Docket No. P00592-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:)
Dale P. DeVore et al.)
Serial No.: 09/973,332) Group Art Unit: Unassigned
Filed: October 9, 2001) Examiner: Unassigned
For: LIGHT ENERGIZED TISSUE)
ADHESIVE)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. To the knowledge of the undersigned, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits in the above-referenced application.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

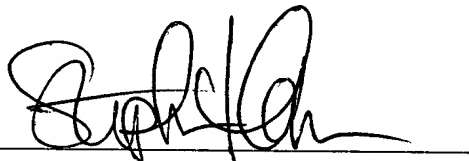
This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies this document as prior art against any claim in the application and Applicants

under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of the document.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed document, should the document be applied against the claims of the present application.

Respectfully submitted,

By:

A handwritten signature in dark ink, appearing to be "S. H. Ch", written over a horizontal line.

Reg. No 34621

Date:

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FORM PTO-1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
P00592-USSERIAL NO.
09/973,332

APPLICANT: DeVore et al.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

FILING DATE: 10/9/01

GROUP
Unassigned

(Use several sheets if necessary)

(37 CFR 1.98(b))

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4	7	1	3	4	4	6	12/15/87	DeVore et al.	530	356	
	4	9	6	9	9	1	2	11/13/90	Kelman et al.	623	66	
	5	1	0	4	9	5	7	04/14/92	Kelman et al.	527	201	
	5	1	5	6	6	1	3	10/20/92	Sawyer	606	213	
	5	2	1	9	8	9	5	06/15/93	Kelman et al.	522	68	
	5	2	9	2	3	6	2	03/08/94	Bass et al.	106	124	
	5	3	3	2	8	0	2	07/26/94	Kelman et al.	530	356	
	5	3	5	4	3	2	3	10/11/94	Whitebook	607	89	
	5	3	5	4	3	3	6	10/11/94	Kelman et al.	623	6	
	5	4	0	9	4	8	1	04/25/95	Poppas et al.	606	12	
	5	4	7	6	5	1	5	12/19/95	Kelman et al.	623	6	
	5	5	4	0	6	7	7	07/30/96	Sinofsky	606	8	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER							PUBL. DATE	COUNTRY OR PATENT OFFICE	CLAS S	SUBCLASS	TRANSLATION	
		L	0	1	5	2	8	4					YES	NO
									12/31/65	London			X	

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

		Schober et al., "Laser-induced alteration of collagen substructure allows microsurgical tissue welding", <u>Science</u> , 232, 142-22, 1986
		Bass et al., "Changes in type I collagen following laser welding", <u>Lasers surg med</u> , 12, 500-5, 1992
		Ennker et al., "Formaldehyde-free collagen glue in experimental lung gluing", <u>Ann Thorac Surg</u> , V 57, 1622-7, 1994
		Stewart et al., "Laser assisted vascular welding with real time temperature control", <u>Lasers surg med</u> , 19, 9-16, 1996
		Menovsky et al., "Laser tissue welding of dura mater and peripheral nerves: a scanning electron microscopy study", <u>Lasers surg med</u> , 19, 152-8, 1996
		Small IV et al., "Dye-enhanced protein solders and patches in laser-assisted tissue welding", <u>J Clin Laser Med & Surg</u> , 15, 205-8, 1997

EXAMINER

DATE CONSIDERED

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(Use several sheets if necessary)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	6	3	1	2	4	3	05/20/97	Kelman et al.	514	56	
	5	6	6	2	6	4	3	09/02/97	Kung et al.	606	3	
	5	6	6	9	9	3	4	09/23/97	Sawyer	506	213	
	5	8	4	0	8	4	8	11/24/98	Sturrock et al.	530	356	
	5	8	7	4	5	3	7	02/23/99	Kelman et al.	530	356	
	6	0	1	2	8	4	0	01/11/00	Small IV et al.	374	126	

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		DOCUMENT NUMBER							PUBL. DATE	COUNTRY OR PATENT OFFICE	CLAS S	SUBCLASS	TRANSLATION	
													YES	NO

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

			Tang et al., "Morphologic changes in collagen fibers after 830nm diode laser welding", <u>Lasers surg med</u> , 21, 438-43, 1997
			Lauto., "Repair strength dependence on solder protein concentration: a study in laser tissue welding", <u>Lasers surg med</u> , 22, 120-5, 1998
			Suh et al., "Comparison of dermal and epithelial approaches to laser tissue soldering for skin flap closure", <u>Lasers surg med</u> , 22, 268-74, 1998
			Maitz et al., "Sutureless microvascular anastomoses by a biodegradable laser-activated solid protein solder", <u>Plastic & reconstru surg</u> , 104, 1726-31, 1999
			Lauto et al., "Two-layer film as a laser soldering biomaterial", <u>Lasers surg med.</u> , 25, 250-6, 1999
			Lobel et al., "Temperature controlled co2 laser welding of soft tissues: urinary bladder welding in different animal models (rats, rabbits, and cats)", <u>Lasers surg med</u> , 26, 4-12, 2000

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of

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